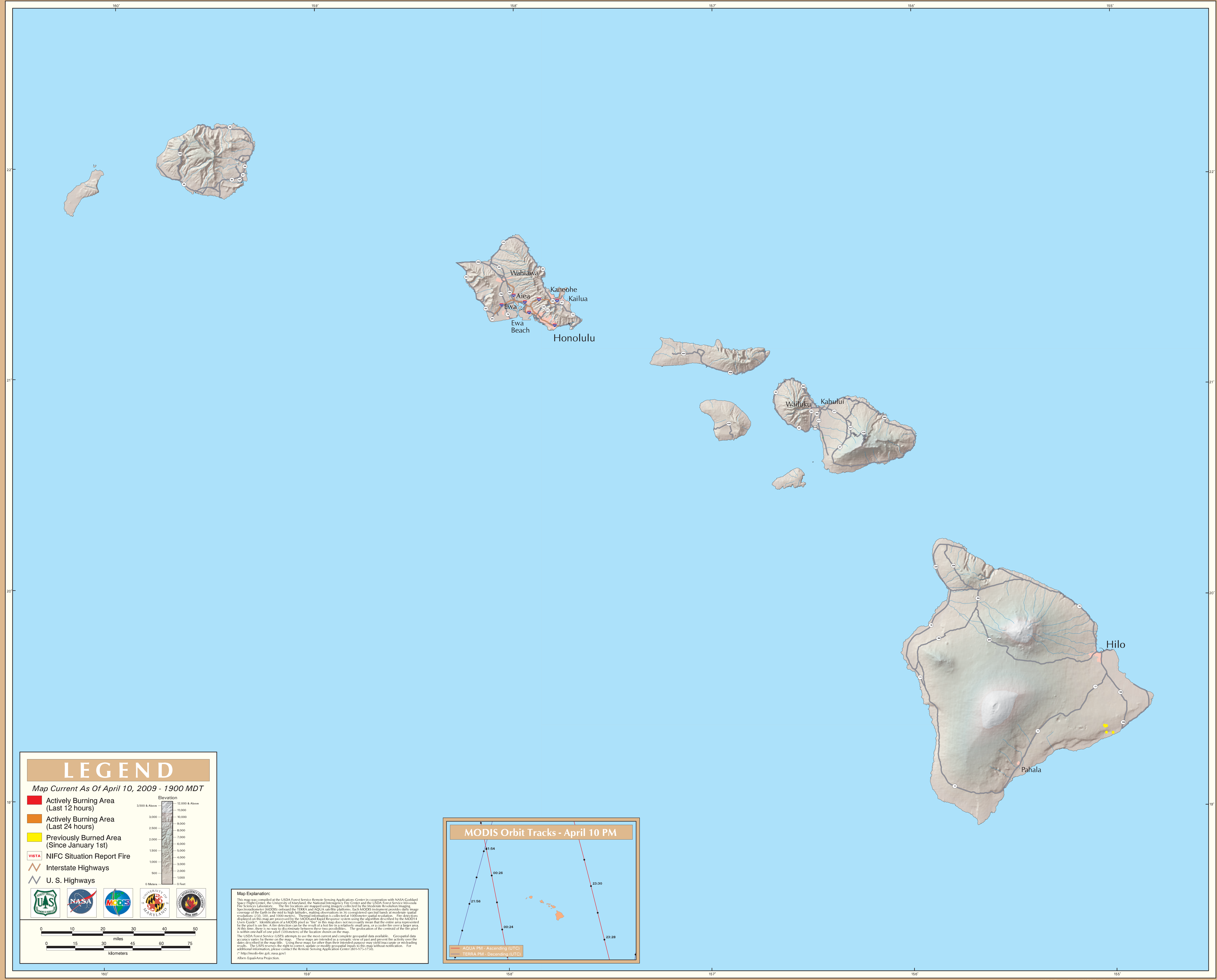


# MODIS Active Fire Detections - April 10, 2009

Hawaiian Islands



## LEGEND

Map Current As Of April 10, 2009 - 1900 MDT

- Actively Burning Area (Last 12 hours)
- Actively Burning Area (Last 24 hours)
- Previously Burned Area (Since January 1st)
- NIFC Situation Report Fire
- Interstate Highways
- U. S. Highways

01020304050

miles

01530456075

kilometers

**Map Explanation:**

The map was compiled at the USDA Forest Service Remote Sensing Application Center in cooperation with NASA's Goddard Space Flight Center, the University of Maryland, the National Interagency Fire Center and the USDA Forest Service's Pacific Southwest Research Station. The fire locations are mapped using imagery collected by the Moderate Resolution Imaging Spectroradiometer (MODIS) onboard the TERRA and AQUA satellite platforms. Each MODIS instrument provides daily image coverage of the Earth in the visible to high latitudes, making observations in its conceptual spectral bands of moderate spatial resolution (250, 500, and 1000 meters). Thermal information is collected at 1000-meter spatial resolution. Fire detections displayed on this map are processed by the MODIS Rapid Response system using the algorithm described by the MODIS User Guide. Identification of a MODIS pixel as "fire" in this map does not necessarily mean that the entire area represented by the pixel is on fire. A fire detection can be the result of a hot fire in a relatively small area, or a cooler fire over a larger area. At the time, there is no way to discriminate between these two possibilities. The geolocation of the centroid of the fire pixel is within one-half of one pixel (500-meters) of the location shown on the map.

The USDA Forest Service (USFS) attempts to use the most current and complete geospatial data available. Geospatial data accuracy varies by theme on the map. These maps are intended as a synoptic view of past and present fire activity over the results. The USFS reserves the right to correct, update or modify geospatial inputs to this map without notification. For additional information, please contact the Remote Sensing Application Center (801-457-3750).

(\* <http://modis-fire.gis.nasa.gov/>)

All maps: Equal-Area Projection.

